

IN THE CLAIMS

Please replace claims 13, 23, and 24 with the rewritten versions of the claims that follow below. In accordance with 37 C.F.R. § 1.21(c)(1), a marked-up version of the claims is set forth at the end of this response under the heading "Marked-up Version of the Claims."

13. (Twice amended) A method for identifying a cancer cell comprising:

(a) providing a tissue biopsy sample; and

(b) determining the level of expression in said sample of the protein consisting of the amino acid sequence of SEQ ID NO. 2:

D2
MAAAEGPVGDELWQTLPNHVFLRLREGLKNQSPTEAEKPASSSLPSSPPPQLLTRNVVFGGLGDELFLWDGE
DSSFLVVRRLRGPSGGGEEPALSQYQRLLCINPPLFEIYQVLLSPTQHHVALIGIKGLMVLELPKRWGKNSEFEG
GKSTVNCSTTPVAERFFTSSTSLTLKHAAWYPSEILDPHVVLLTSDNVIRIYSLREPQTPTNVIIILSEAAEESL
VLNKGGRAYTASLGETAVAFDFGPLDAVPKTLFGQNGKDEVVAYPLYIYENGETFLTYISLLHSPGNIWKAVGS
IAHASAAEDNYGYDACAVLCLPCVPNILVIATESGMLYHCVVLEGEEDDHTSEKSWDSRIDLIPSLYVFECVE
LELALKLASGEDDPFDSDFSCPVKLHRDPKCPSRYHCTHEAGVHSVGLTWIHKLHKFLGSDEEDKDSLQELSTE
QKCFVEHILCTRPLPCRQPAPIRGFWIVPDILGPTMICITSTYECLIWPLLSTVHPASPPLCTREDVEVAESS
LRVLAETPDSFEKHRSILQRSVANPAFLKASEKDIAPPPEECLQLLSRATQVFREQYILKQDLAKEEIQRRVK
LLCDQKKKQLEDLSYCREERKSLREMAERLADKYEEAKEQEDIMNRMKKLLHSFHSSELPVLSDSERDMKKELQ
LIPDQLRHLGNAIKQVTMCKDYQQQKMEKVLSPKPTIILSAYQRKCIQSILKEEGEHIREMVKQINDIRNHVN
F,

wherein a sample comprising said protein at a level of expression that is greater than non-cancer cells indicates that said sample comprises a cancer cell.

23. (Twice amended) A diagnostic kit comprising a protein binding molecule, wherein the protein binding molecule binds to the protein consisting of the amino acid sequence of SEQ ID NO. 2:

D3
MAAAEGPVGDELWQTLPNHVFLRLREGLKNQSPTEAEKPASSSLPSSPPPQLLTRNVVFGGLGDELFLWDGED
SSFLVVRRLRGPSGGGEEPALSQYQRLLCINPPLFEIYQVLLSPTQHHVALIGIKGLMVLELPKRWGKNSEFEGGK
STVNCSTTPVAERFFTSSTSLTLKHAAWYPSEILDPHVVLLTSDNVIRIYSLREPQTPTNVIIILSEAAEESLVLN
KGRAYTASLGETAVAFDFGPLDAVPKTLFGQNGKDEVVAYPLYIYENGETFLTYISLLHSPGNIWKAVGSIAHA
SAAEDNYGYDACAVLCLPCVPNILVIATESGMLYHCVVLEGEEDDHTSEKSWDSRIDLIPSLYVFECVELELAL
KLASGEDDPFDSDFSCPVKLHRDPKCPSRYHCTHEAGVHSVGLTWIHKLHKFLGSDEEDKDSLQELSTEQKCFVE

HILCTRPLPCRQPAPIRGFWIVPDILGPTMICITSTYECLIWPLLSTVHPASPPLLCTREDVEVAESSLRVLAET
PDSFEKHRSILQRSVANPAFLKASEKDIAPPPEECLQLLSRATQVFREQYILKQDLAKEEIQRRVKLLCDQKKK
QLEDLSYCREERKSLREMAERLADKYEEAKEKQEDIMNRMKLLHSFHSSELPVLSDSERDMKKELQLIPDQLRHL
GNAIKQVTMKKDYQQQKMEKVLSPKPTIILSAYQRKCIQSILKEEGEHIREMVKQINDIRNHVNF.

24. (Twice amended) A diagnostic kit comprising a nucleic acid, wherein the
nucleic acid anneals specifically to a nucleic acid transcript that encodes the protein
consisting of the amino acid sequence of SEQ ID NO. 2:

D₃
MAAEGFVGDGELWQTLWLPNHVVFLRLREGLKNQSPTEAEKPASSSLPSSPPPQLLTRNVVFGGLGGEF
LWDGEDSSFLVVRLRGPSGGGEEPALSQYQRLLCINPPLFEIYQVLLSPTQHHVALIGIKGLMVLELPKRWGKNS
EFEGGKSTVNCSTTPVAERFFTSSTSLTLKHAAYPSEILDPHVVLLTSDNVIRIYSLREPQTPTNVIILSEAE
ESLVLNKGGRAYTASLGETAVAFDFGPLDAVPKTLFGQNGKDEVVAYPLYILYENGETFLTYISLLHSPGNIWKAV
GSIAHASAAEDNYGYDACAVLCLPCVPNILVIATESGMLYHCVVLEGEEDDHTSEKSWDSRIDLIPSLYVFECV
ELELALKLASGEDDPFDSDFSCPVKLHRDPKCPSPRYHCTHEAGVHSVGLTWIHKLHKFLGSDEEDKDSLQELSTE
QKCFVEHILCTRPLPCRQPAPIRGFWIVPDILGPTMICITSTYECLIWPLLSTVHPASPPLLCTREDVEVAESSL
RVLAETPDSFEKHRSILQRSVANPAFLKASEKDIAPPPEECLQLLSRATQVFREQYILKQDLAKEEIQRRVKLL
CDQKKKQLEDLSYCREERKSLREMAERLADKYEEAKEKQEDIMNRMKLLHSFHSSELPVLSDSERDMKKELQLIP
DQLRHLGNAIKQVTMKKDYQQQKMEKVLSPKPTIILSAYQRKCIQSILKEEGEHIREMVKQINDIRNHVNF.
